

Title (en)

Ultrasonic clamp coagulator apparatus having clamp arm tissue pad

Title (de)

Ultraschallkoagulationsvorrichtung mit Greifer und Gewebepolster dafür

Title (fr)

Appareil de coagulation ultrasonore à pince avec coussinet pour contacter le tissu

Publication

EP 0908149 B1 20030716 (EN)

Application

EP 98308229 A 19981009

Priority

US 94862597 A 19971010

Abstract (en)

[origin: EP0908149A1] An ultrasonic surgical clamp coagulator apparatus is configured to effect cutting, coagulation, and clamping of tissue by cooperation of a clamping mechanism of the apparatus with an associated ultrasonic end-effector. The clamping mechanism includes a pivotal clamp arm which cooperates with the end-effector for gripping tissue therebetween. The clamp arm is preferably provided with a clamp tissue pad having a plurality of axially spaced gripping teeth which cooperate with the end-effector to achieve the desired ultrasonic effect on tissue, while facilitating grasping and gripping of tissue during surgical procedures. <IMAGE>

IPC 1-7

A61B 17/32

IPC 8 full level

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CPC (source: EP US)

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Cited by

EP2815710A4; CN109219410A; US9113943B2; US11653944B2; US9724120B2; EP4059456A3; WO2015094745A1

Designated contracting state (EPC)

DE ES FR GB IT NL

DOCDB simple family (publication)

EP 0908149 A1 19990414; **EP 0908149 B1 20030716**; AU 734125 B2 20010607; AU 8841298 A 19990429; CA 2249709 A1 19990410; CA 2249709 C 20071204; DE 69816393 D1 20030821; DE 69816393 T2 20040422; EP 1334697 A1 20030813; ES 2202758 T3 20040401; JP 2008229357 A 20081002; JP H11192236 A 19990721; US 6068647 A 20000530

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